

Title (en)
Gear housing for continuously variable vehicle transmission

Title (de)
Gehäuse für stufenloses Fahrzeuggetriebe

Title (fr)
Carter pour transmission continue de vitesse de véhicule

Publication
EP 0974775 B1 20030115 (EN)

Application
EP 99114420 A 19990722

Priority
JP 20892898 A 19980724

Abstract (en)
[origin: EP0974775A2] A housing 2 for a vehicular transmission comprises a first room R1 which accommodates a continuous speed change mechanism and a second room R2 which accommodates a driving force transmission mechanism including a starting mechanism, a reduction train, a differential mechanism, a power supply mechanism for an oil pump, etc. In each room, inlet openings 72 through 74 for oil discharge passages are provided near and above both the sides of an oil pan 26 in the horizontal direction perpendicular to the input and output shafts of the continuous speed change mechanism, to return lubrication oil to the oil pan 26. Also, walls 61 through 65 are provided in the rooms to lead the lubrication oil into the respective inlet openings. In this construction, the lubrication oil returning from each room to the oil pan 26 is stabilized at each room and discharged to the oil pan 26, and thereby the lubrication oil achieves homogeneity in the oil pan 26. <IMAGE>

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F16H 57/05

IPC 8 full level
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CPC (source: EP US)
F16H 57/0489 (2013.01 - EP US); **F16H 61/0009** (2013.01 - EP US); **F16H 57/0404** (2013.01 - EP US); **F16H 57/0428** (2013.01 - EP US); **F16H 57/0441** (2013.01 - EP US); **F16H 57/0452** (2013.01 - EP US); **F16H 57/0453** (2013.01 - EP US); **Y10T 74/2186** (2015.01 - EP US)

Cited by
CN107524791A; CN110513460A; CN102434653A; EP1626208A3; EP1637778A3; CN107023613A; CN109253222A; KR20200034684A; US7984791B2; US7686137B2; EP1637778A2

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